

ABSTRACT

A hydrogen motor system comprising a combustion chamber, a
hydrogen source, an oxygen source, a water source, an ignition system for
5 igniting a mixture of hydrogen and oxygen in the combustion chamber, a
source of working fluid, an accumulator connected to the combustion
chamber, a propulsion system, and a control valve operatively connected
to control a flow of pressurized working fluid from the accumulator to the
propulsion system. The source of working fluid is operatively connected to
10 the combustion chamber such that expanding fluid within the combustion
chamber acts on the working fluid to pressurize the working fluid.